Cannon®

country flame **urban lifestyle**

Cannon Gas Log Heaters Specifications

Cannon®
Gas Log Heaters

AUSTRALIAN MADE

Share a lifetime of cosy moments with Cannon Gas Log Heaters.

Cannon index

Hot chocolate with marshmallows, cuddles and chats are just a few of the cosy moments that you can enjoy in front of a Cannon Gas Log Heater. Providing you with rapid warmth and the romance of a real log fire without the mess, a Cannon Gas Log Heater is simple to operate and energy efficient. Start your lifetime of cosy moments this Winter.

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How to Build a Mock Fireplace

1+2+3+4

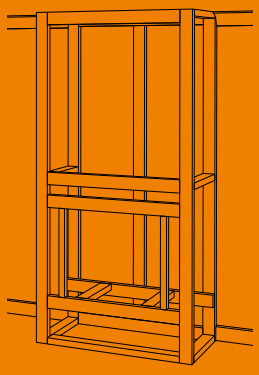
Creating the look of a fireplace is simple with Cannon.

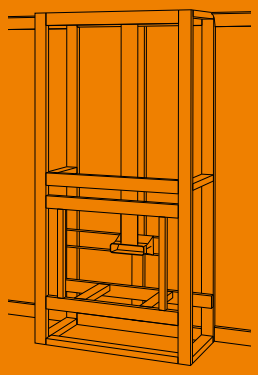
If you don't have a fireplace but like the look, our mock fireplace kit is the answer. Using the kit, your inbuilt heater can be easily and safely installed in a plasterboard or timber wall.

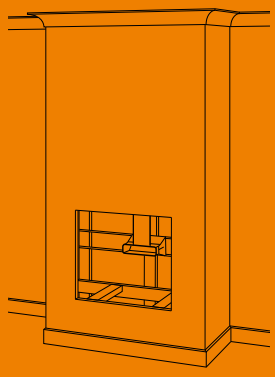
Whether flueing up in the wall cavity or through ceiling plaster, simply construct a purpose built timber or plasterboard enclosure to conceal the heater cabinet and flue.

You must use a mock fireplace kit with an inbuilt heater for installation into combustible areas i.e. timber, plasterboard etc. (Mock Fireplace kit included with Powerflue model)

Note: The purpose of the diagrams shown here are to briefly illustrate the steps to install a heater in a mock fireplace. For full details refer to the comprehensive instructions included with the heater or visit www.cannonheaters.com.au







1 Choose your location and build a frame to enclose the heater according to your flueing needs. Allow for required clearances between the heater cabinet and combustible surfaces. See below table and refer to mock installation instructions or website for further detailed measurement requirements

2 Installation of appropriate self-supported flue which complies with local regulations and manufacturer instructions. Refer to mock installation instructions or website for details on mounting of wall brackets & flue transition (brackets are supplied with mock kit only).

3 Use plasterboard or timber panelling to enclose the frame, maintaining appropriate clearances. Plasterboard opening should be cut back level with timber framework.

4 Attach the mock fireplace kit to the heater per the instructions. Position the heater in the frame. Refer to mock installation instructions or website for further details on installing mock kit components on heater.

Mock Fireplace Opening (combustible materials)^

	FITZROY INBUILT		FITZROY POWERFLUE		CANTERBURY INBUILT	
	Max	Min	Max	Min	Max	Min
Height	640 mm	630 mm	650 mm	630 mm	640 mm	630 mm
Width	780 mm	731 mm	780 mm	731 mm	790 mm	731 mm
Depth	N/A	410 mm*	N/A	486mm - 586mm**	N/A	363 mm*

*^If you have a larger opening than the maximum height indicated, a surround kit is recommended. *Includes 25 mm clearance between flue spigot and rear wall.*
***486mm min clearance for straight through flue. 586mm min clearance for vertical flexi flue pipe.*

Please refer to Cannon website for up to date specifications.

Cannon's **Powerflue** has some unique installation and operation advantages.

Unlike standard gas log heaters, the Powerflue can be terminated horizontally from the rear of the unit, eliminating the need for the flue to run up through the wall and protrude above the roof line. This means you can place the heater on any external wall, even in a multi-storey apartment.

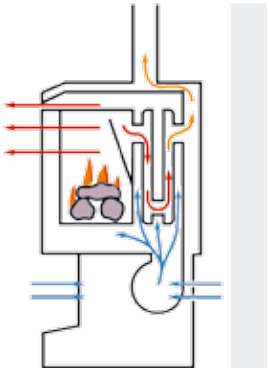
The Cannon Fitzroy Powerflue can also be flued up through an internal wall or out under the floor making it truly versatile.

Because the Powerflue model draws air from outside for combustion and then vents outside via the flue outlet, it is safe to install into a bedroom or 5 star energy rated home that is well sealed from draughts.

A Cannon Powerflue heater must also be installed with a condensate drainage tube as seen in the drawings below.

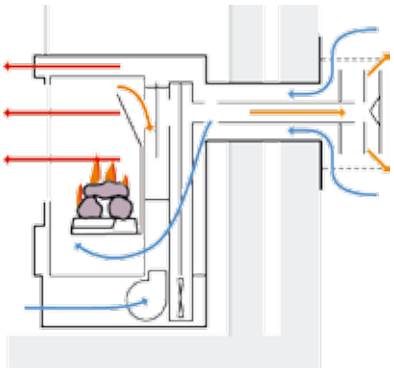
Standard heater operation.

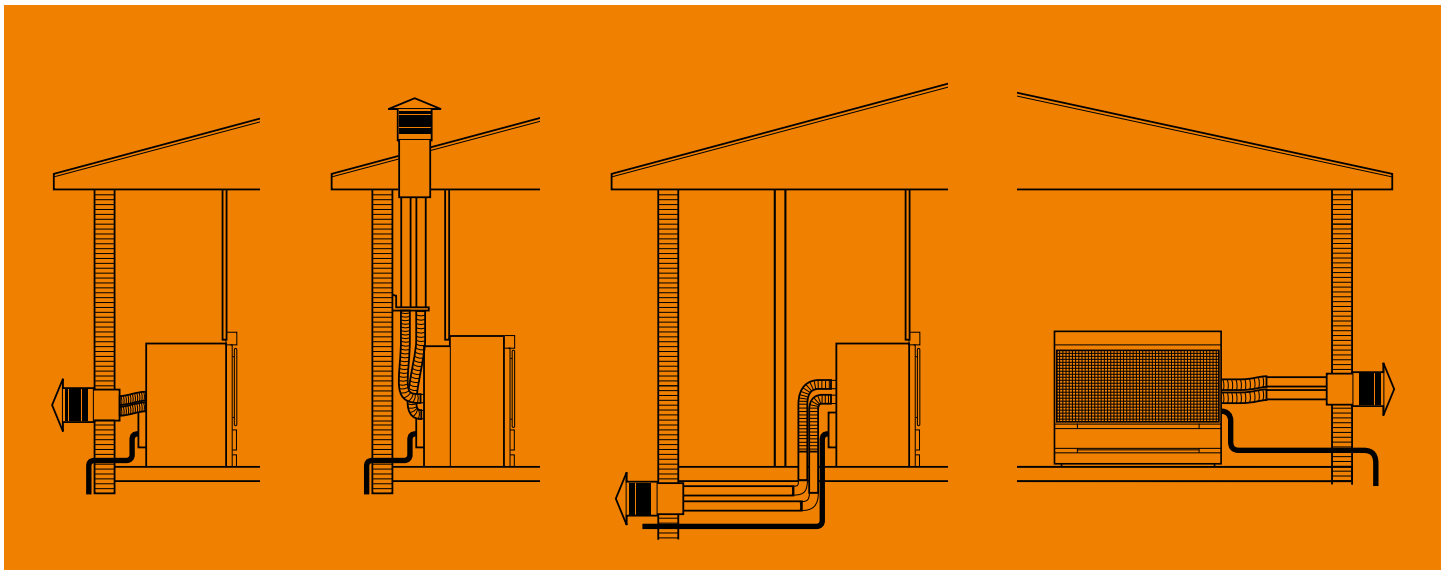
Flue goes directly through the ceiling and roof.



Powerflue operation.

Air is drawn in from outside for combustion via the air inlet and vented outside via the flue outlet.





1 Horizontal installation from the back.

2 Vertical installation.

3 Under floor installation.

4 Sideways horizontal installation.

Fitzroy Inbuilt and Powerflue heater features and options guide

	Fitzroy Inbuilt Models						Fitzroy Powerflue Models			
	FITZIB-SMENB-NG	**FITZIB-SMENB-LP**	**FITZIB-SMEXB-NG**	**FITZIB-SMEXB-LP**	**FITZIB-SMEXP-NG**	**FITZIB-SMEXP-LP**	**FITZIB-PMEXB-NG**	**FITZIB-PMEXB-LP**	**FITZIB-PMEXP-NG**	**FITZIB-PMEXP-LP**
Standard Features										
Electronic ignition	•	•	•	•	•	•	•	•	•	•
3 heat settings	•	•	•	•	•	•	•	•	•	•
3 speed fan	•	•	•	•	•	•	•	•	•	•
Realistic eucalypt look logs	•	•	•	•	•	•	•	•	•	•
Standard flue	•	•	•	•	•	•				
Power flue							•	•	•	•
Mesh guard	•	•	•	•	•	•	•	•	•	•
Panoramic view	•	•	•	•	•	•	•	•	•	•
Enhanced flame			•	•	•	•	•	•	•	•
Black enamel finish	•	•	•	•			•	•		
Platinum finish					•	•			•	•
Options										
Remote thermostat	o	o	o	o	o	o	o	o	o	o
Glass kit	o	o	o	o	o	o	o	o	o	o
Spacer kit	o	o	o	o	o	o	o	o	o	o
Surround kit	o	o	o	o	o	o	o	o	o	o
Console kit	o	o	o	o	o	o	o	o	o	o
Weatherproof box							o	o	o	o
Mock fireplace kit	o	o	o	o	o	o	•	•	•	•
Freestanding kit (incl. flue kit)	o	o	o	o						
Extended flue kit							o	o	o	o
Inbuilt flue kit	o	o	o	o	o	o				

• These items are supplied as standard with the heater

o These items are not supplied with the heater and must be purchased separately

Please note: All Cannon inbuilt heaters MUST be flued. We recommend our own Inbuilt flue kit be used which is purchased separately (model IBFLUEKIT).

The Powerflue heaters are supplied with the flue and cowl to be vented directly out the back through an external wall. If you wish to flue this unit vertically out through the roof or down under the floor the Extended Flue Kit will need to be purchased (model FLUEWFX).

Canterbury Inbuilt and Freestanding heater features and options guide

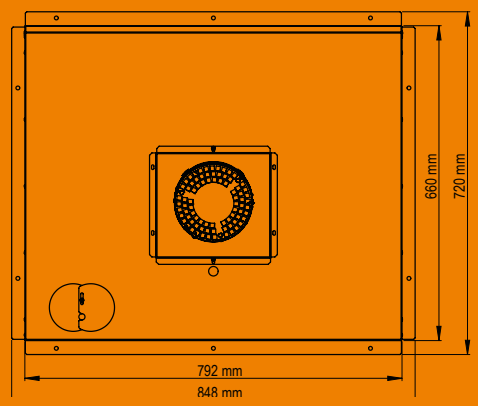
	Canterbury Inbuilt Models		Canterbury Freestanding Models	
	CANTIB-SDEEB-NG	**CANTIB-SDEEB-LP**	**CANTFS-SDEEB-NG**	**CANTFS-SDEEB-LP**
Standard Features				
Electronic ignition	•	•	•	•
3 heat settings	•	•	•	•
3 speed fan	•	•	•	•
Realistic eucalypt look logs	•	•	•	•
Standard flue	•	•	•	•
Enhanced flame	•	•	•	•
Black enamel finish	•	•	•	•
Options				
Remote thermostat	o	o	o	o
Spacer kit	o	o		
Surround kit	o	o		
Console kit	o	o		
Mesh guard kit	o	o	o	o
Mock fireplace kit	o	o		
Freestanding Flue kit			o	o
Inbuilt Flue kit	o	o		

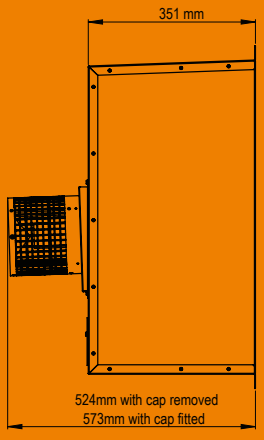
Please note: When purchasing a Canterbury Freestanding Heater you will also need to purchase the appropriate flue kit (model FLUERO-B).

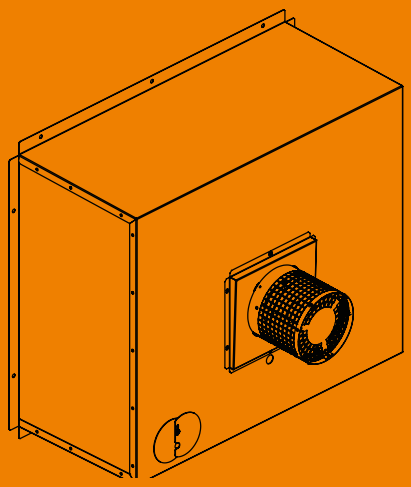
When selecting the type of heater, consideration must be given as to the construction of the building with regards to the energy efficiency. This will effect the efficiency of the type of flue selected and how it will operate – e.g. High Energy Efficient rated homes have no allowance for the introduction of fresh air for combustion purposes, therefore issues can arise with reverse flow of air through a standard flue in these homes. Two storey extensions to existing homes can also create reverse air flow through standard flues. Avoid installing standard flue heaters on external perimeter walls of high pitched roof buildings to reduce the possibility of reversed air flow through the standard flue. If in doubt always select the Powerflue as it is not affected by these issues.

Weather Proof Box dimensions

The weatherproof box is designed to be used on the Fitzroy Powerflue heaters that are installed on an external wall and protects the back of the heater from the elements.







Weatherproof box

Fitzroy Inbuilt, Freestanding and Powerflue specifications and installations notes

	Fitzroy Inbuilt	Fitzroy Freestanding	Fitzroy Powerflue
	FITZIB-SMENB / FITZIB-SMEXB / FITZIB-SMEXP	**FITZIB-SMENB** or **FITZIB-SMEXB** to be used with **FITZFSKITX-B**	**FITZIB-PMEXB** or **FITZIB-PMEXP**
Type	Inbuilt	Freestanding / top flue	Inbuilt Powerflue with variable flue options
Colours	Metallic black baked enamel or platinum finish	Metallic black baked enamel finish	Metallic black baked enamel or platinum finish
Gas consumption	26 MJ/hr	26 MJ/hr	26 MJ/hr
Gas type	Natural gas/LPG	Natural gas/LPG	Natural gas/LPG
Efficiency rating	4.06 stars[1]	4.06 stars[1]	5.05 stars[1] for units with flue 400 mm long 5.50 stars[1] for units with flue 6.0 m long
Heat output	5.98 kW / 21.45 MJ/h	5.98 kW / 21.45 MJ/h	6.09kW / 21.92 MJ/h
Heats on average	80 square metres (80 m^2)	80 square metres (80 m^2)	80 square metres (80 m^2)
Fan/heat settings	3 speed / 3 heat	3 speed / 3 heat	3 speed / 3 heat
Dimensions	**Fascia**	**Overall**	**Fascia**
Height	651 mm	863 mm	651 mm
Width	808 mm	808 mm	808 mm
Depth	50 mm	482 mm Min. distance from centre of flue to wall at rear of heater: 120 mm	50 mm

Installation

The purpose of these pages is to briefly illustrate the specifications. For full details refer to the comprehensive instructions included with the heater or visit www.cannonheaters.com.au. Whilst every effort is made to provide current information at the time this brochure was produced, continuing product development means that the enclosed specifications, images and literature may differ.

Gas connection via a ½" copper compression fitting.

A 10 amp socket within 1.5 m is required. Inbuilt models can be direct wired with an accessible isolating switch

[1]Tested to AS 4553:2008.

Fireplace opening (brick & masonry)

	Max	Min
Height	645 mm	605 mm
Width	780 mm	700 mm
Depth	N/A	410 mm*

* Includes 25 mm clearance between flue spigot and rear brickwork

Maximum length of flue: 4.5m

Mock openings differ to brick/masonry see page 4 for mock opening dimensions.

Suitable for non-combustible or masonry/brick fireplaces or into a mock fireplace using a Mock Kit purchased separately.

Kit comprising:
3 x 870 mm lengths of 125 mm dia. painted flue,
1 x 870 mm length of 125 mm dia. plain flue,
1 x ceiling ring,
1 x painted bottom flue spigot,
1 x 125 mm cowl,
1 x 75 mm spigot plain
Fasteners
Free standing casing
1 x flue adaptor

Maximum length of flue: 4.5m (extra length of flue required)

Heater does not require non-combustible base.
Can be installed against a combustible wall with clearances of 40 mm rear, 100 mm side and 900 mm in front of heater.
Refer to installation instructions.

Fireplace opening (brick & masonry)

	Max	Min
Height	645 mm	605 mm
Width	780 mm	700 mm
Depth	N/A	see page 10

Dimensions of flue
Flue and air inlet through 50 mm diameter aluminium & PVC pipes
2 x 400 mm lengths of 50 mm flexible aluminium hose

Dimensions of flue terminal
Maximum length of flue: 6.0 m
Minimum length of flue: 130 mm
Flue terminal: 160 mm outer diameter.
150 mm deep (horizontal)
200 mm high (vertical)

See installation instructions for further details.
Mock Kit included with heater, may need to be removed from brick/masonry openings to allow fitment in openings less than 630 mm high.

Canterbury Inbuilt and Freestanding specifications and installations notes

	Canterbury Inbuilt	Canterbury Freestanding
	CANTIB-SDEEB	**CANTFS-SDEEB**
Type	Inbuilt	Freestanding / top flue
Colours	Metallic black baked enamel finish	Metallic black baked enamel finish
Gas consumption	26 MJ/hr	26 MJ/hr
Gas type	Natural gas/LPG	Natural gas/LPG
Efficiency rating	4.06 stars[1]	4.06 stars[1]
Heat output	5.98 kW / 21.45 MJ/h	5.98 kW / 21.45 MJ/h
Heats on average	80 square metres (80 m^2)	80 square metres (80 m^2)
Fan/heat settings	3 speed / 3 heat	3 speed / 3 heat
Dimensions	**Fascia**	**Overall**
Height	655 mm	723 mm
Width	850 mm	650 mm
Depth	125 mm	425 mm Min. distance from flue centre to wall at rear of heater: Round – 115 mm.

Installation

The purpose of these pages is to briefly illustrate the specifications. For full details refer to the comprehensive instructions included with the heater or visit www.cannonheaters.com.au. Whilst every effort is made to provide current information at the time this brochure was produced, continuing product development means that the enclosed specifications, images and literature may differ.

Gas connection via a ½" copper compression fitting.

A 10 amp socket within 1.5 m is required. Inbuilt models can be direct wired with an accessible isolating switch

[1]Tested to AS 4553:2008.

Fireplace opening (brick & masonry)

	Max	Min
Height	650 mm	605 mm
Width	780 mm	700 mm
Depth	N/A	363 mm*

* Includes 25 mm clearance between flue spigot and rear brickwork.

Maximum length of flue: 4.5m

Mock openings differ to brick/masonry, see page 4 for mock opening dimensions.

Suitable for non-combustible fireplaces ie. masonry, brick or into a mock fireplace using a Mock kit purchased separately.

Flue kit comprising (purchase separately):
3 x 870 mm lengths of 125 mm dia. painted flue,
1 x 870 mm length of 125 mm dia. plain flue,
1 x ceiling ring,
1 x 125 mm cowl,
1 x painted bottom flue spigot.

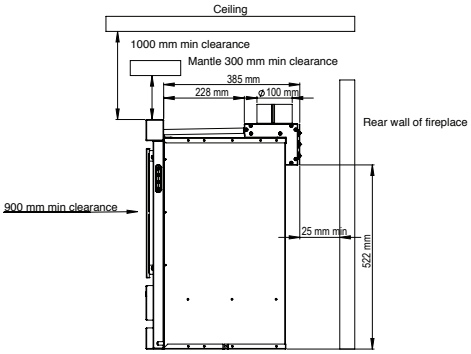
Maximum length of flue: 4.5m

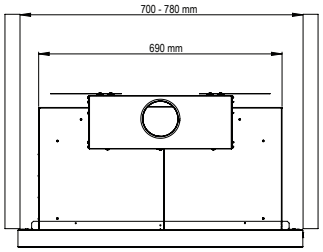
Heater does not require non-combustible base. Can be installed against a combustible wall with clearances of 40 mm rear, 100 mm side and 900 mm in front of heater. This model is to be installed with a Round Flue Kit part No. FLUERO-B purchased separately.

Fitzroy Inbuilt, Freestanding and Powerflue dimensions

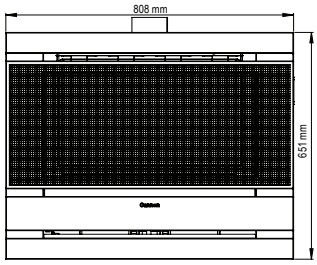
Fitzroy Inbuilt

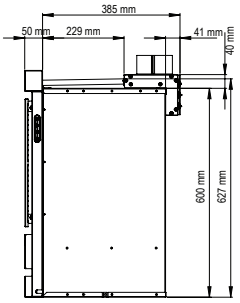
FITZIB-SMENB, FITZIB-SMEXB or FITZIB-SMEXP





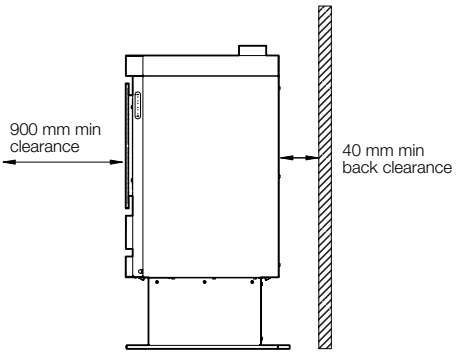
FOR INSTALLATIONS IN NON COMBUSTIBLE ENCLOSURES: (Refer to installation instructions for further details).

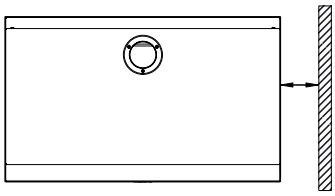


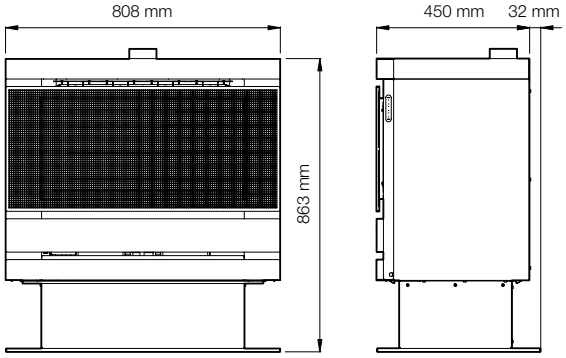


Fitzroy Freestanding

FITZIB-SMENB or FITZIB-SMEXB to be used with FITZFSKITX-B

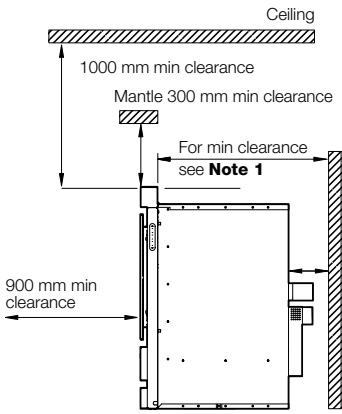






Fitzroy Powerflue

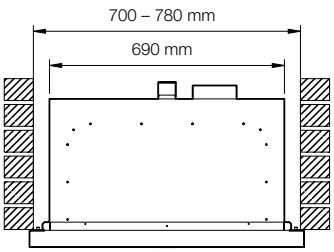
FITZIB-PMEXB or FITZIB-PMEXP


Ceiling
1000 mm min clearance
Mantle 300 mm min clearance
For min clearance see Note 1
900 mm min clearance
For min clearance see Note 2
Rear wall of fireplace

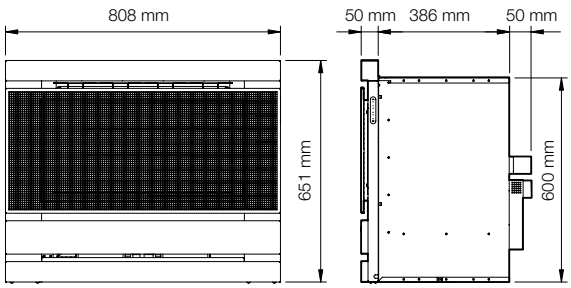
For further detailed flueing methods refer to our website for the installation instruction manual.

Note 1:
486 mm min clearance for straight through flue.
586 mm min clearance for flex flue pipe.

Note 2:
100 mm min clearance for straight through flue.
200 mm min clearance for flex flue pipe.



FOR INSTALLATIONS IN NON COMBUSTIBLE ENCLOSURES: (Refer to installation instructions for further details).

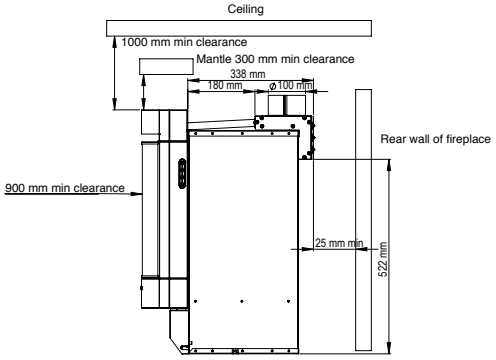


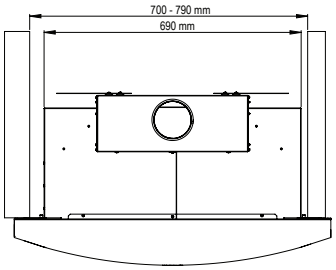
Please refer to Cannon website for up to date specifications.

Canterbury Inbuilt and Freestanding dimensions

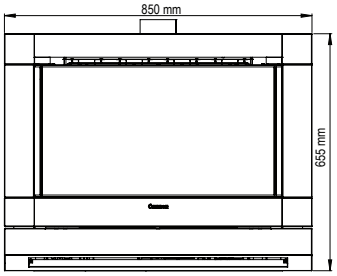
Canterbury Inbuilt

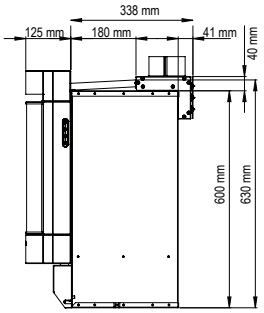
CANTIB-SDEEB





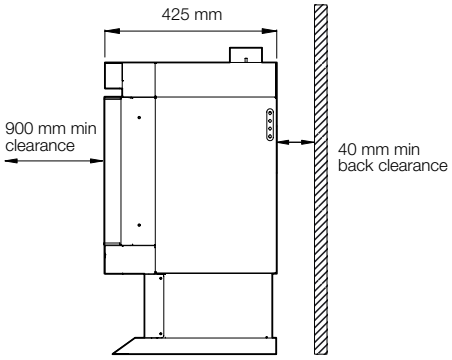
FOR INSTALLATIONS IN NON COMBUSTIBLE ENCLOSURES: (Refer to installation instructions for further details).

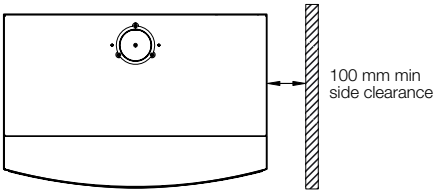


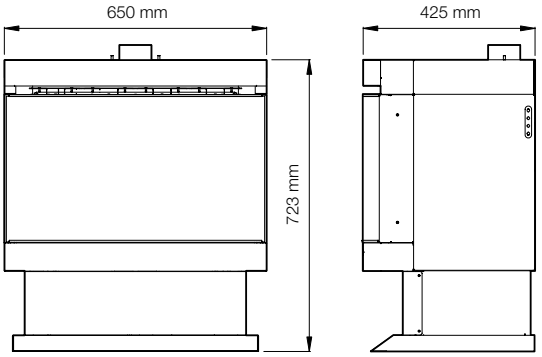


Canterbury Freestanding

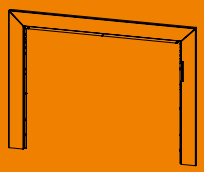
CANTFS-SDEEB





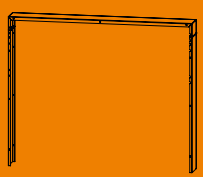


Surround and Spacer Kit dimensions



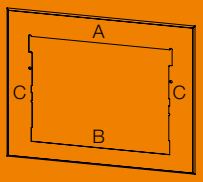
3 sided surround (75 mm)

	Fitzroy Inbuilt	Fitzroy Powerflue	Canterbury Inbuilt
Height	725 mm	725 mm	730 mm
Width	960 mm	960 mm	1000 mm
Depth	10 mm	10 mm	10 mm



Spacer kit

	Fitzroy Inbuilt	Fitzroy Powerflue	Canterbury Inbuilt
Height	651 mm	651 mm	655 mm
Width	808 mm	808 mm	850 mm
Depth	50 mm	50 mm	50 mm



4 sided surround

	Fitzroy Inbuilt	Fitzroy Powerflue	Canterbury Inbuilt
Height	850 mm	850 mm	850 mm
Width	1045 mm	1045 mm	1045 mm
Depth	7 mm	7 mm	7 mm
Frame Width	A – 95 mm B – 104 mm C – 119 mm	A – 95 mm B – 104 mm C – 119 mm	A – 91 mm B – 104 mm C – 98 mm

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